

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100119\
 Data File : VU034885.D
 Acq On : 30 Sep 2019 18:05
 Operator : JC/SP
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Oct 01 02:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	334028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	329325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	149607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	114945	35.74	ug/L	0.00
7) Chloroethane-d5	1.67	69	95214	37.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	208759	37.99	ug/L	0.00
21) 2-Butanone-d5	4.15	46	233519	91.86	ug/L	0.00
24) Chloroform-d	4.62	84	231783	47.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	164610	45.73	ug/L	0.00
32) Benzene-d6	5.32	84	451310	45.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	152508	44.06	ug/L	0.00
41) Toluene-d8	7.54	98	420562	44.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	69082	42.08	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	148661	85.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220448	45.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	149489	47.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	95718	30.167	ug/L 100
3) Chloromethane	1.32	50	80059	21.781	ug/L 100
5) Vinyl chloride	1.40	62	82653	24.509	ug/L 100
6) Bromomethane	1.62	94	40936	22.367	ug/L 100
8) Chloroethane	1.69	64	51672	26.417	ug/L 100
9) Trichlorofluoromethane	1.87	101	126060	28.937	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	78443	36.379	ug/L 100
12) 1,1-Dichloroethene	2.27	96	62101	30.906	ug/L 100
13) Acetone	2.31	43	176595	62.000	ug/L 100
14) Carbon disulfide	2.46	76	99372	15.662	ug/L 100
15) Methyl Acetate	2.60	43	143144	36.992	ug/L 100
16) Methylene chloride	2.68	84	90200	34.642	ug/L 100
17) trans-1,2-Dichloroethene	2.96	96	63544	29.028	ug/L 100
18) Methyl tert-butyl Ether	2.98	73	353104	41.197	ug/L 100
19) 1,1-Dichloroethane	3.42	63	188164	36.283	ug/L 100
20) cis-1,2-Dichloroethene	4.20	96	95268	36.036	ug/L 100
22) 2-Butanone	4.24	43	235365	69.013	ug/L 100
23) Bromochloromethane	4.52	128	44782	35.536	ug/L 100
25) Chloroform	4.65	83	199440	38.433	ug/L 100
27) 1,2-Dichloroethane	5.38	62	163362	37.126	ug/L 100
29) Cyclohexane	4.97	56	117671	24.191	ug/L 100
30) 1,1,1-Trichloroethane	4.89	97	155291	36.385	ug/L 100
31) Carbon tetrachloride	5.11	117	120779	33.794	ug/L 100
33) Benzene	5.37	78	352582	33.150	ug/L 100
34) Trichloroethene	6.16	95	86077	32.658	ug/L 100
35) Methylcyclohexane	6.39	83	109279	25.295	ug/L 100
37) 1,2-Dichloropropane	6.41	63	117049	36.418	ug/L 100
38) Bromodichloromethane	6.74	83	151486	38.448	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	170900	35.321	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	474378	76.329	ug/L 100

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42) Toluene	7.61	91	379649	33.089	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	155928	36.075	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	109553	41.403	ug/L	100
46) Tetrachloroethene	8.21	164	57133	31.160	ug/L	100
48) 2-Hexanone	8.34	43	353523	73.401	ug/L	100
49) Dibromochloromethane	8.45	129	118218	40.387	ug/L	100
50) 1,2-Dibromoethane	8.57	107	103331	37.136	ug/L	100
51) Chlorobenzene	9.10	112	253488	35.747	ug/L	100
52) Ethylbenzene	9.23	91	441490	33.891	ug/L	100
53) m,p-Xylene	9.35	106	152544	33.250	ug/L	100
54) o-xylene	9.76	106	163735	35.711	ug/L	100
55) Styrene	9.77	104	287623	36.861	ug/L	100
56) Isopropylbenzene	10.14	105	453528	36.435	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	217700	42.564	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	172374	41.611	ug/L	100
61) Bromoform	9.94	173	83858	41.960	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	199632	39.827	ug/L	100
63) 1,4-Dichlorobenzene	11.48	146	198697	38.981	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	215342	42.057	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.63	75	46876	43.059	ug/L	100
67) 1,3,5-Trichlorobenzene	12.86	180	144113	42.314	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	117109	43.991	ug/L	100
69) Naphthalene	13.72	128	386314	42.070	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	121882	43.963	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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